

 <p>Tel: +381 23 543 020 Web: <a href="http://www.termika.rs">www.termika.rs</a> e-mail: <a href="mailto:termika@termika.rs">termika@termika.rs</a></p>	<h1>PRODUCT DECLARATION</h1>	 <p>ISO 9001:2015 Cert No: GKSR-0294-QC</p>	<b>KOSHER CERTIFICATE</b>
<b>№ of declaration: 0008 - 11</b>	<b>PERFIT 220 GG</b>		sheet 1 of 2

## 1.0. Product identification

<b>Manufacturing company</b>	Termika doo, Požeška 4, 23000 Zrenjanin, Serbia
<b>Product type</b>	100% grinded expanded perlite
<b>Product</b>	Factory prepared filter aid material
<b>Product code</b>	6801024
<b>Name of product</b>	PERFIT 220 GG
<b>Organoleptic</b>	White powder, odorless, tasteless

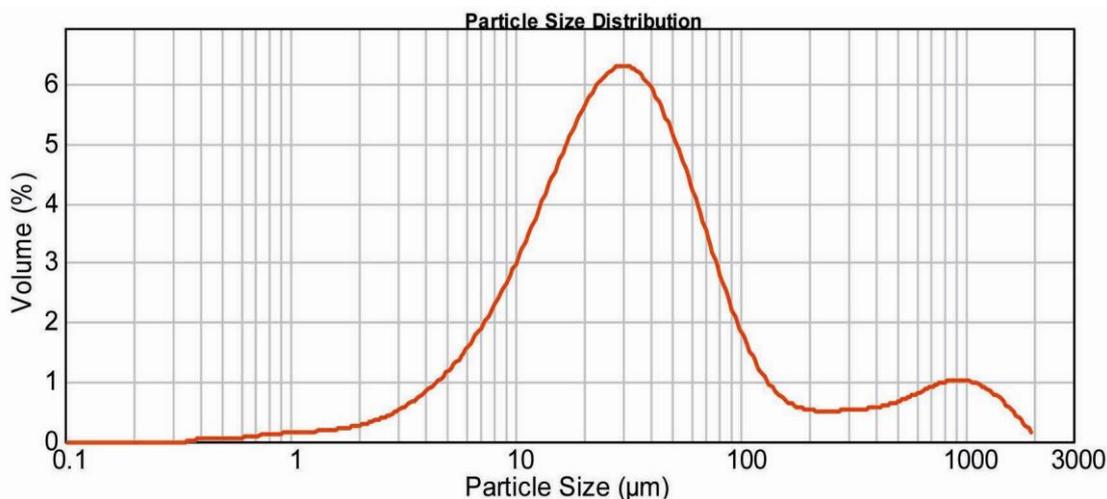
## 2.0. Product Features

### 2.1. Chemical composition

SiO <sub>2</sub>	68 - 75 %
Al <sub>2</sub> O <sub>3</sub>	10 - 12 %
Fe <sub>2</sub> O <sub>3</sub>	1 - 2,5 %
CaO	1,5 - 2 %
MgO	0,2 - 1,5 %
Na <sub>2</sub> O	2,8 - 4,5 %
K <sub>2</sub> O	3,2 - 4,5 %

### 2.2. Physico-chemical characteristics

Parameters	Methods	Units	Average value	STD
Moisture content	Internal methods TR-UP-01-025	%w/w	< 0,5	-
pH value	Internal methods TR-UP-01-020	-	8,1	0,4
Bulk density	Internal methods TR-UP-01-021	kg/m <sup>3</sup>	83	4,2
Filtration layer height	Internal methods TR-UP-01-011	mm	13	0,5
Time of filtration for 100 mL	Internal methods TR-UP-01-011	sec	4	0,7
Permeability (Darcy)	Internal methods TR-UP-01-024	Darcie's	7	1



Parameter	Specific Aerea	d0.1 - 10% particle size passing trough sieve:	d0.5 - 50 particle size passing trough sieve:	d0.9 - 90% particle size passing trough sieve:
Value	0,37 m <sup>2</sup> /g	8 µm	31 µm	322 µm

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### 3.0. Health validity of products

Corresponds norms of "Regulations on quality and other requirements for aids in the food production" (Official Gazette of FRY, no. 62/2002), art. 7, paragraph 1 and paragraph 2, Appendix no. 2 (quality requirements aids in the production).

Corresponds norms of "Regulations on conditions regarding the health and safety of general use which could be applied on the market" ("Official Gazette of SFRY", no. 26/8 ... 18/91), Article 106.

### 4.0. Application

It is used as filter aids material in the filtration process in:

- food industry for medium-rough filtration of edible oils, must, sediment of wine, beer wort, fruit juice, starch and sugar syrup, sugar, vegetable and animal fats, citric acid, vinegar, gelatin...(clarity of filtrate to 6 NTU).
- chemical industry (filtration of paints and varnishes, liquid glass, biodiesel, various chemicals and a higher viscosity fluids...)
- filtration of water (water for swimming pools, bottled water, rainwater, wastewater treatment...)

### 5.0. Packaging

Dual layer perforated Kraft paperbags with valve.  
Typical weight of bags 8 kg.

### 6.0. Terms of storage and transport

Transported in a closed transportations means. The product is delivered twice strech with plastic foil on wooden pallets. The product can be delivered in bulk quantities on request.  
Store in a covered dry places and should be protected from the influence of moisture.

### 7.0. Expire date

Unlimited duration with above mentioned storage conditions.

### 8.0. Advice for safe use

The product is not harmful to health. It is advisable to use protective glasses when handling product. In the event that the product gets into the eye, eye cannot by rubbed wash it off with water in case of increasing irritability seek medical treatment.

#### NOTE

Average values and the standard deviations are result of several years of product laboratory measurements, obtained from the raw materials of different origin and the they are for your information only. Manufacturer retains the right to change the declaration without prior notification.

<b>Date of specification:</b>	<b>Made by:</b>
17.12.2018.	
	<b>Approved by:</b>